# UNITED STATES PATENT AND TRADEMARK OFFICE

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| 10/657,364 | 09/08/2003 | Hiroshi Usuda | SONYJP 3.0-323 | 9549 |

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| EXAMINER |
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

PTOL-90A (Rev. 04/07)

| | Application No. | Applicant(s) |
|---|---|---|
| | 10/657,364 | USUDA, HIROSHI |
| **Office Action Summary** | Examiner | Art Unit |
| | Aklilu k. Woldemariam | 2624 |

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1)☒ Responsive to communication(s) filed on <u>27 August 2007</u>.

2a)☐ This action is **FINAL**.    2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4)☒ Claim(s) <u>1-16</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-16</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

**Application Papers**

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>08 September 2003</u> is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☒ All   b)☐ Some *  c)☐ None of:

      1.☒ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date <u>08/27/2007</u>.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

## DETAILED ACTION

### *Priority*

1.      Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which

papers have been placed of record in the file.

### *Information Disclosure Statement*

2.      The information disclosure statement (IDS) submitted on August 27, 2007 was

filed after the mailing date of August 27, 2007.   The submission is in compliance with

the provisions of 37 CFR 1.97.  Accordingly, the information disclosure statement is

being considered by the examiner.

### *Claim Rejections - 35 USC § 102*

3.      The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4.      *Claims 1-16 are rejected under 35 U.S.C. 102 (b) as being anticipated by*

*Kohei (Japan Publication number 2000-285056).*

Regarding claim 1, *Kohei discloses* terminal device, comprising:

an input unit operable to input from a printed *(see paragraph [0017], the bar*

*coded 201 carried by the print 200 in the read station with which this communication*

*terminal 10 is equipped is used).*

medium a first graphic code corresponding to first information *(see paragraph*

*[0028], considers as the code corresponding to the identifier of each medium. For*

*example, it considers as the code corresponding to the journal name by which the bar*

*code was carried. A  site code is code which shows which site is accessed, and had*

*URL coded in the case of the site of the internet)*; and

a communication unit operable to use the first information as terminal identification

information to establish communication through a network  *(see paragraph [0028], URL*

*coded in the case of the site of the internet and paragraph [0029]  in case the carrier bar*

*code 303 is scanned, as shown in drawing 4, where the scanner 25 of the base section*

*of a communication terminal 10 is pressed against the advertising page 301, as an*

*arrow head as shows from the left of bar code 303, a communication terminal 10 is*

*moved).*

Regarding claim 2, *Kohei discloses* the terminal device according to claim

1,wherein the input unit is operable to input from a printed medium a second graphic

code corresponding to second information associated with the first information, and

the communication unit includes an acquiring unit operable to acquire the second

information based on the second graphic code *(see paragraph [0028]  and [0029]  a*

*medium recognition code, a media code, a site code and stop code are arranged in*

*order of below.  Considers as the code corresponding  to the identifier of each medium.*

*For example, it considers as the code corresponding to the journal name by which the*

*bar code was carried).*

Regarding claim 3, *Kohei discloses* the terminal device according to claim 2,

wherein at least one of the first graphic code and the second graphic code is information

encoded in accordance with predetermined image patterns *(see paragraph [0011]  a*

*media code are contained in the access code carried by the medium in the*

*predetermined mode and the access code is detected by the predetermined*

*communication terminal, while performing processing which accesses the side code*

*which was connected to the predetermined server).*

Regarding claim 4 *Kohei discloses* he terminal device according to claim 1,

wherein the input unit comprises a camera *(paragraph [0050], when using symbols*

*other than a single dimension, solid state cameras, such as CCD series, may be used*

*as reading means of the symbol).*

Regarding claim 5, *Kohei discloses* communication method, comprising:

inputting from a printed medium a first graphic code corresponding to first

information *(see paragraph [0028], considers as the code corresponding to the identifier*

*of each medium. For example, it considers as the code corresponding to the journal*

*name by which the bar code was carried. A  site code is code which shows which site is*

*accessed, and had URL coded in the case of the site of the internet;* and

using the first information as terminal identification information to establish

communication through a network *(see paragraph [0028], URL coded in the case of the*

*site of the internet and paragraph [0029] in case the carrier bar code 303 is scanned, as*

*shown in drawing 4, where the scanner 25 of the base section of a communication*

*terminal 10 is pressed against the advertising page 301, as an arrow head as shows*

*from the left of bar code 303, a communication terminal 10 is moved).*

Regarding claim 6, *Kohei discloses*  the communication method according to

Claim 5, further comprising:

inputting from a printed medium a second graphic code corresponding to second

information associated with the first information *(see paragraph [0028] and [0029] a*

*medium recognition code, a media code, a site code and stop code are arranged in*

*order of below. Considers as the code corresponding to the identifier of each medium.*

*For example, it considers as the code corresponding to the journal name by which the*

*bar code was carried)*; and

acquiring the second information based on the second graphic code *(see*

*paragraph [0028] and [0029] a medium recognition code, a media code, a site code*

*and stop code are arranged in order of below. Considers as the code corresponding to*

*the identifier of each medium. For example, it considers as the code corresponding to*

*the journal name by which the bar code was carried).*

Regarding claim 7, *Kohei discloses* the communication method according to

Claim 6, wherein at least one of the first graphic code and the second graphic code is

information encoded in accordance with predetermined image patterns *(see paragraph*

*[0050] for example, it is good also as an access code coded with various pattern other*

*than a bar code. That is a single dimension symbols other than a bar code, a 2-*

*dimensional symbol, and other geometric symbols may be used).*

Regarding claim 8, *Kohei discloses* the communication method according to

claim 5, wherein the inputting step includes obtaining an image of the first graphic code

using a camera *(see paragraph [0050] , solid state cameras, such as CCD series, may*

*be used as a reading means of the symbol. When image-pick-up means is used, an*

*image pick-up means can be made to use also [ read/the image incorporation for the*

*so-called TV phones, and / of an access code).*

Regarding claim 9, *Kohei discloses* a server, comprising:

a storage unit operable to store operating instructions *(see paragraph [0011]*

*after making accumulate in the storage means in a communication terminal, it is made*

*to total or a media code is made to transmit also about a media code at the time of*

*access by the side code, and it is made to make it total).*

and pieces of content, each of the operating instructions corresponding to one of a first

series of graphic codes and each of the pieces of content corresponding to one of a

second series of graphic codes *(see paragraph [0028] and [0029] a medium*

*recognition code, a media code, a site code and stop code are arranged in order of*

*below. Considers as the code corresponding to the identifier of each medium. For*

*example, it considers as the code corresponding to the journal name by which the bar*

*code was carried)*;

an input unit operable to input from a printed medium a selected one of the first

series of graphic codes corresponding to one of the operating instructions and a

selected one of the second series of graphic codes corresponding to one of the pieces

of content *(see paragraph [0028], considers as the code corresponding to the identifier*

*of each medium. For example, it considers as the code corresponding to the journal*

*name by which the bar code was carried. A site code is code which shows which site is*

*accessed, and had URL coded in the case of the site of the internet)*; and

an operating unit operable to execute the one of the operating instructions with

respect to the one of the pieces of content *(see paragraph [0037] processing by the*

*carrier side server 103 is explained with reference to the flow chart of drawing 7).*

Regarding claim 10, *Kohei discloses* the server according to claim 9, wherein

the input unit comprises a camera *(see paragraph [0050], when using symbols other*

*than a single dimension, solid state cameras, CCD series, may be used as a reading*

*means of the symbol).*

Regarding claim 11, *Kohei discloses* a method of processing content,

comprising:

establishing a series of operating instructions and a first series of graphic codes,

each of the graphic codes in the first series of graphic codes corresponding to one of

the operating instructions *(see paragraph [0047] when access processing shown in this*

*drawing 10 is performed, in the carrier side server 103, processing shown, for example*

*in the flow chart of drawing 11 is performed. And when there is transmission of a site*

*code irrespective of the existence of a media code, connection processing to the*

*corresponding site is performed (step S54)).*

storing pieces of content and a second series of graphic codes, each of the

graphic codes in the second series of graphic codes corresponding to one of the pieces

of content *(see paragraph [0064], a control means is reading the media code*

*memorized by the storage means transmitting from means of communications).*

selecting one of the operating instructions by inputting from a printed medium

one of the first series of graphic codes corresponding to the selected operating

instruction *(see paragraph [0028] the bar code 303 here is considered as the data*

*configuration shown in drawing 5. It is the code which shows from which medium the*

*media code is accessed, considers as the code corresponding to identifier of each*

*medium. For example, it considers as the code corresponding to the journal name by*

*which site accessed).*

selecting one of the pieces of content by inputting from a printed medium one

of the second series of graphic codes corresponding to the selected piece of content

*(see paragraph [0028] the bar code 303 here is considered as the data configuration*

*shown in drawing 5. It is the code which shows from which medium the media code is*

*accessed, considers as the code corresponding to identifier of each medium. For*

*example, it considers as the code corresponding to the journal name by which site*

*accessed)* and

processing the selected piece of content based on the selected operating

instruction *(see paragraph [0037] processing by the carrier server 103 is explained with*

*reference to the flow chart of drawing 7).*

Regarding claim 12, *Kohei discloses* the method of processing content

according to claim 11, further comprising:

storing storage locations for each of the pieces of content and a third series of

graphic codes, each of the graphic codes in the third series of graphic codes

corresponding to one of the storage locations *(see paragraph [0064], a control means*

*is reading the media code memorized by the storage means transmitting from means of*

*communications)*

inputting from a printed medium one of the third series of graphic codes

corresponding to the storage location of the selected piece of content; and retrieving the

selected piece of content from the storage location *(see paragraph [0064], a control*
*means is reading the media code memorized by the storage means transmitting from*
*means of communications).*

Regarding claim 13, *Kohei discloses* a communication network, comprising:

a server operable to store data *(see paragraph [0064] a control means is*
*reading the media code memorized by the storage means and transmitting from means*
*of communications. sending-out processing of the media code accumulated based on*
*the demand of the side which employs communication lines, such as communication*
*center can be performed)* and

a plurality of terminal devices operable to send data to the server and to
receive data from the server, each of the terminal devices including an input unit
operable to input from a printed medium a first graphic code corresponding to first
information *(see paragraph [0064] a control means is reading the media code*
*memorized by the storage means and transmitting from means of communications.*
*sending-out processing of the media code accumulated based on the demand of the*
*side which employs communication lines, such as communication center can be*
*performed),* and

a communication unit operable to use the first information as terminal
identification information to establish communication with the server *(see paragraph*
*[0065] it is having made it transmit also about the media code which read the control*
*means to the site code and coincidence in invention which was indicated to claim 7*

*according to the communication of a site code, and the means read, transmission of a*

*media code is also performed simultaneous at the time of transmission of a site code).*

Regarding claim 14, *Kohei discloses* the communication network according to

claim 13,wherein the server includes

a storage unit operable to store operating instructions and pieces of content,

each of the operating instructions corresponding to one of a first series of graphic codes

and each of the pieces of content corresponding to one of a second series of graphic

codes *(see paragraph [0064] a control means is reading the media code memorized by*

*the storage means and transmitting from means of communications. sending-out*

*processing of the media code accumulated based on the demand of the side which*

*employs communication lines, such as communication center can be performed)*;

an input unit operable to input from a printed medium a selected one of the first

series of graphic codes corresponding to one of the operating instructions and a

selected one of the second series of graphic codes corresponding to one of the pieces

of content *(see paragraph [0050], solid state cameras, such as CCD series, may be*

*used as a reading means of the symbol. When image-pick-up means is used, an image*

*pick-up means can be made to use also [ read/the image incorporation for the so-called*

*TV phones, and / of an access code)*; and

an operating unit operable to execute the one of the operating instructions with

respect to the one of the pieces of content *(see paragraph [0028] the bar code 303 here*

*is considered as the data configuration shown in drawing 5. It is the code which shows*

*from which medium the media code is accessed, considers as the code corresponding*

*to identifier of each medium. For example, it considers as the code corresponding to the journal name by which site accessed).*

Regarding claim 15, *Kohei discloses* a method of downloading content from a storage unit to a terminal device, comprising:

storing in the storage unit terminal identification information for the terminal device *(see paragraph [0064] a control means is reading the media code memorized by the storage means and transmitting from means of communications. sending-out processing of the media code accumulated based on the demand of the side which employs communication lines, such as communication center can be performed);*

storing in the storage unit pieces of content and a first series of graphic codes, each of the graphic codes in the first series of graphic codes corresponding to one of the pieces of content *(see paragraph [0064] a control means is reading the media code memorized by the storage means and transmitting from means of communications. sending-out processing of the media code accumulated based on the demand of the side which employs communication lines, such as communication center can be performed);*

selecting one of the pieces of content at the terminal device by inputting from a printed medium one of the graphic codes in the first series of graphic codes corresponding to the selected piece of content*(see paragraph [0050] , solid state cameras, such as CCD series, may be used as a reading means of the symbol. When image-pick-up means is used, an image pick-up means can be made to use also [ read/the image incorporation for the so-called TV phones, and / of an access code);*

converting the one of the graphic codes in the first series of graphic codes into

content information corresponding to the selected piece of content *(see paragraph*

*[0020] about the voice data extracted in the data-processing section 14, a digital-analog*

*converter 15 is supplied, it changes into an analog sound signal, and sound emission of*

*the changed sound signal is supplied and carried out to a loudspeaker 16).*

transmitting the content information and the terminal identification information

from the terminal device to the storage unit *(see paragraph [0064] a control means is*

*reading the media code memorized by the storage means and transmitting from means*

*of communications. sending-out processing of the media code accumulated based on*

*the demand of the side which employs communication lines, such as communication*

*center can be performed);*

retrieving the selected piece of content based on the content information; and

transmitting the selected piece of content from the storage unit to the terminal device

based on the terminal identification information *(see paragraph [0064]  a control means*

*is reading the media code memorized by the storage means and transmitting from*

*means of communications. sending-out processing of the media code accumulated*

*based on the demand of the side which employs communication lines, such as*

*communication center can be performed).*

Regarding claim 16, *Kohei discloses* the method of downloading content

according to claim 15, further comprising:

establishing a series of operating instructions and a second series of graphic

codes, each of the graphic codes in the second series of graphic codes corresponding

to one of the operating instructions, the series of operating instructions including a

download operating instruction;

selecting the download operating instruction at the terminal device by inputting

from a printed medium one of the graphic codes in the second series of graphic codes

corresponding to the download operating instruction (see paragraph [0028] the bar

code 303 here is considered as the data configuration shown in drawing 5. It is the

code which shows from which medium the media code is accessed, considers as the

code corresponding to identifier of each medium. For example, it considers as the code

corresponding to the journal name by which site accessed)

converting the one of the graphic codes in the second series of graphic codes into

operating information corresponding to the download operating instruction(see

paragraph [0020] about the voice data extracted in the data-processing section 14, a

digital-analog converter 15 is supplied, it changes into an analog sound signal, and

sound emission of the changed sound signal is supplied and carried out to a

loudspeaker 16);

transmitting the operating information from the terminal device to the storage unit

(see paragraph [0064] a control means is reading the media code memorized by the

storage means and transmitting from means of communications. sending-out

processing of the media code accumulated based on the demand of the side which

employs communication lines, such as communication center can be performed;

and

transmitting the selected piece of content from the storage unit to the terminal

device based on the terminal identification information and the operating information

*(see paragraph [0064] a control means is reading the media code memorized by the*

*storage means and transmitting from means of communications. sending-out*

*processing of the media code accumulated based on the demand of the side which*

*employs communication lines, such as communication center can be performed).*

### *Conclusion*

5.      Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Aklilu k. Woldemariam whose telephone number is 571-

270-3247.  The examiner can normally be reached on Monday-Thursday 6:30 a.m-5:00

p.m EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Samir Ahmed can be reached on 571-272-7413.  The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system.  Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

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you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Samir Ahmed
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03/22/2008

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